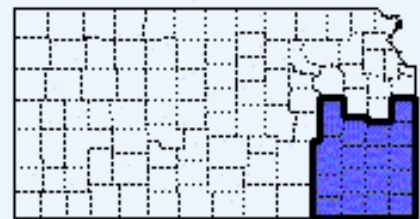


WORKFORCE PLANNING GUIDE & WAGE SURVEY



**Local
Area V**

2002 EDITION



The Honorable Bill Graves
Governor
State of Kansas

Richard E. Beyer, Secretary
Kansas Department of Human Resources

For further information, please contact:

William H. Layes, Chief
Labor Market Information Services
Kansas Department of Human Resources
401 SW Topeka Boulevard, Topeka, KS 66603-3182
Phone (785) 296-5058 Fax (785) 296-5286
<http://laborstats.hr.state.ks.us>

Local Area Information Team

Dennis Kelly, Supervisor
Dave McGee, Supervisor
Kathy Klein, Project Manager
Angela Berland, Research Analyst
Lee Boos, Research Analyst
Richard Strange, Research Analyst
Kelly Alexander, Administrative Specialist
Claudia Warren, Administrative Specialist

Mission Statement

The mission of Labor Market Information Services
is to provide the customers
of the Kansas workforce development system
with timely, accurate and relevant labor market information
that will support business and job growth
in an increasingly competitive global economy.

WORKFORCE PLANNING GUIDE

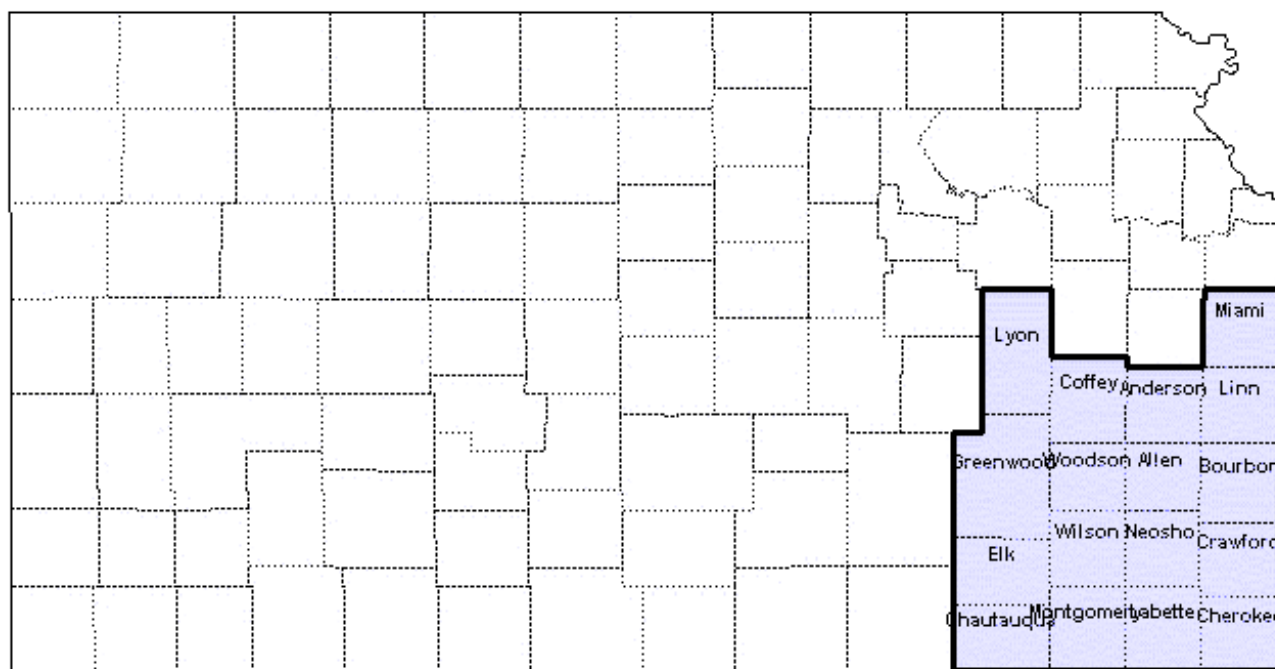


The 2002 Edition of the *Workforce Planning Guide and Wage Survey* is the second annual publication of labor market information for Local Area V.

Labor Market Information Services (LMIS) of the Kansas Department of Human Resources (KDHR) has been involved in the process of providing Kansas workforce development customers with timely, relevant and accurate information to help guide businesses and individuals with decision making.

This publication was designed as a result of the Workforce Investment Act (WIA) of 1998. WIA created an opportunity to build a collaborative employment statistics system, capable of supporting the economic and workforce development goals of the state.

The Workforce Planning Guide consolidates the major elements of labor market information for Local Area V into one document that will be published annually.



Allen
Anderson
Bourbon
Chautauqua
Cherokee
Coffey

Crawford
Elk
Greenwood
Labette
Linn
Lyon

Miami
Montgomery
Neosho
Wilson
Woodson

The State of Kansas is divided into five Local Areas. Local Area V is comprised of 17 counties in the southeastern part of Kansas. Counties in this area border Missouri and Oklahoma.

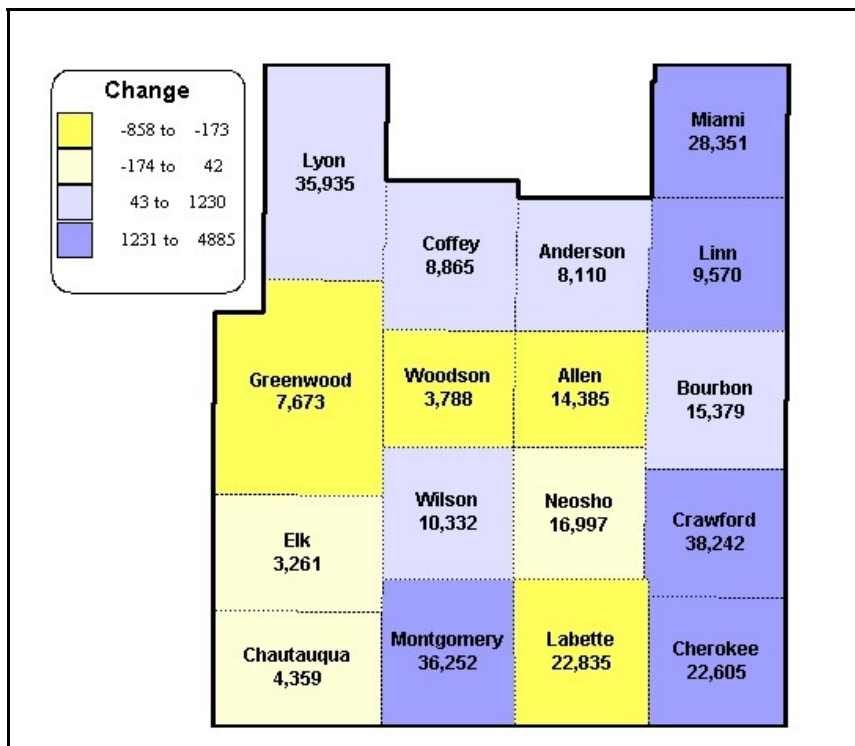
The 17 counties in Area V cover 13 percent of the state, approximately 10,930 square miles.

The population of Local Area V is 286,939 according to the 2000 census. This is a growth of almost 3 percent, or 8,204 over the last ten years.

Eleven percent of the population in Kansas resides in Area V.

The five most populated counties in Area V include Crawford, Montgomery, Lyon, Miami and Labette. Crawford County is the twelfth most populated county in Kansas.

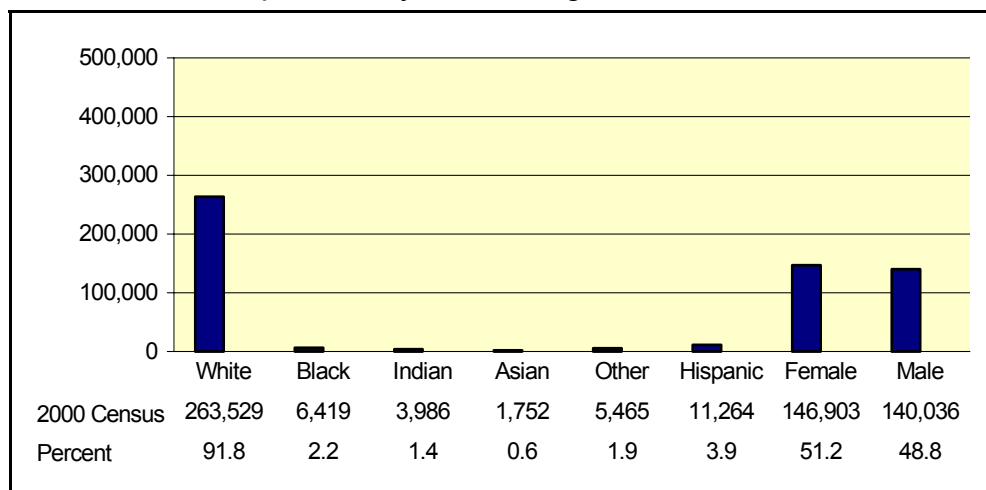
Local Area V 2000 Population and 10 Year Change



Source: U.S. Census Bureau. 2000 Census.

Note: The figures in each county represent the current population from the 2000 Census. The color chart indicates the change over the ten-year period from the 1990 Census to the 2000 Census.

Local Area V Population by Ethnic Origin and Gender



Source: U.S. Census Bureau. 2000 Census.

Note: Some people may fall into more than one category, therefore, the sum of the categories will not add up to equal the total of all persons.

The population in nine counties within Area V grew during the ten-year period from 1990 to 2000. Miami County shows the largest jump in population with a growth of 4,885 people, up 20.8 percent.

Eight counties experienced a decline in population over the ten-year period, with Montgomery County showing the greatest total loss in population.

Emporia and Pittsburg are among the largest 25 cities in the state.

The civilian labor force average for Local Area V represents just below ten percent of the civilian labor force in Kansas.

Local Area V 10 Largest Cities

City - County	Population
Emporia - Lyon	26,760
Pittsburg - Crawford	19,243
Parsons - Labette	11,514
Coffeyville - Montgomery	11,021
Independence - Montgomery	9,846
Chanute - Neosho	9,411
Fort Scott - Bourbon	8,297
Iola - Allen	6,302
Paola - Miami	5,011
Osawatomie - Miami	4,645

Source: U.S. Census Bureau. 2000 Census.

The civilian labor force is an estimate of the number of area residents who either have a job or who are unemployed, but have looked for a job during the last four weeks. The current population survey (CPS), conducted by the U. S. Census Bureau, is used to determine these estimates.

The unemployment rate is determined by dividing the number of unemployed by the civilian labor force and expressing it as a percent.

Local Area V Civilian Labor Force

Civilian Labor Force	Area V
Civilian Labor Force	137,000
Employment	129,258
Unemployment	7,742
Unemployment Rate	5.7%

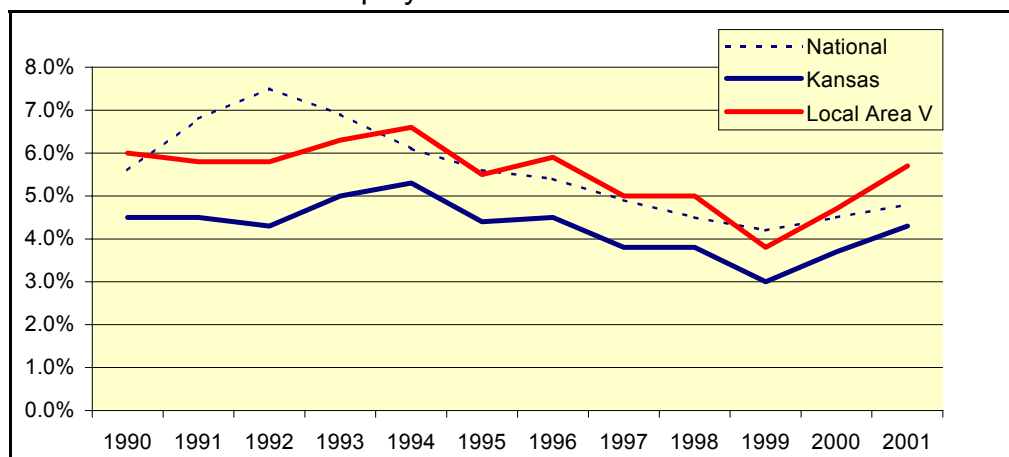
Source: Labor Market Information Services, Kansas Department of Human Resources. 2001 annual averages.

The 2001 annual averages indicate that the unemployment rate in Linn County was the third highest in the state. Woodson and Allen were fifth and sixth, while Cherokee, Coffey, and Montgomery were also among the top ten counties with the highest unemployment rates in Kansas.

The unemployment rate in the city of Emporia averaged 5.1 percent in 2001.

The 2001 average unemployment rate for Area V was higher than the rate in any other local area. In addition, the unemployment rate in Area V over the last ten years has been higher than the statewide average and at times higher than the national average.

Local Area V Unemployment Rate 1990 - 2001



Source: Labor Market Information Services, Kansas Department of Human Resources and the Bureau of Labor Statistics. Annual averages.

Linn County, at 9.6 percent, had the third highest unemployment rate in 2001.

Additional civilian labor force data for specific counties and cities can be found on our Web site at <http://laborstats.hr.state.ks.us>.



The “effective labor force” is a term used by the Docking Institute of Public Affairs in their recent statewide survey. *The*

Kansas Labor Force Survey was conducted at the request of the Kansas Department of Human Resources to determine the extent of underemployment in the state.

This research extended our understanding of underemployment and provided valuable information on the potential workforce, which is not included in the standard Bureau of Labor Statistics definition. This group, labeled non-CLF available, includes students, military, retirees and long-term unemployed who might seek employment if the opportunity was presented.

Local Area V Effective Labor Force

Labor Force	Area V
Effective Labor Force	147,447
Civilian Labor Force*	140,918
Non-CLF Available	6,529

Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

* September 2001 average.

The civilian labor force and the unemployment rate are estimated monthly and often used to measure the health of the economy. However, full employment, or a low unemployment rate, does not necessarily mean there is a shortage of available labor.

Local Area V Available Labor Pool

Labor Pool Groups	Area V
Available Labor Pool	88,321
Employed-right opportunity	60,453
Employed-looking	15,334
Not Employed-looking	8,699
Part-time-looking for full time	3,834
Non-available	59,126
Employed - not looking	59,126

Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

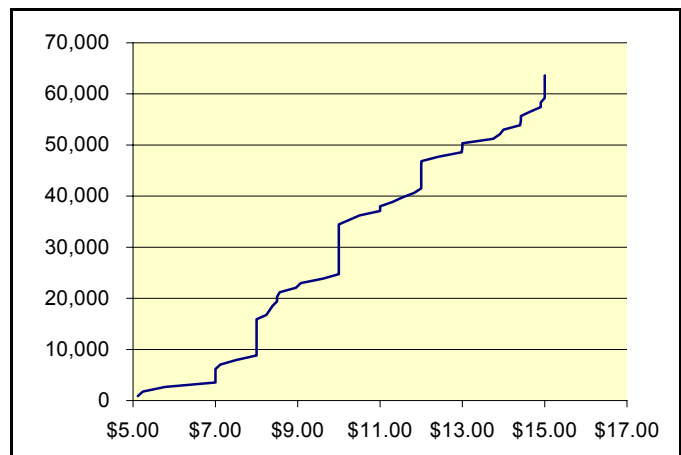
The available labor pool represents members of the civilian labor force or potential members of the civilian labor force who indicate they are actively seeking new employment or would consider a new job for the right opportunity.

Results from *The Kansas Labor Force Survey* indicate that almost 60 percent of the effective labor force in Local Area V are considered to be in the available labor pool.

In reality, not all of the available labor pool is actively seeking new job opportunities. Instead, the available labor pool represents those that would consider a different job opportunity given their employment expectations. These expectations are different for each individual, however there are many factors that are common among those willing to consider other employment opportunities.

Results from the *Kansas Labor Force Survey* indicate that well over 90 percent of the available labor pool in Kansas stated that an increase in salary would be very important in their decision to change jobs. Respondents were asked what salary they would need to consider a job opportunity. These results were used to estimate the number of people in the available labor pool that were willing to accept various wage levels.

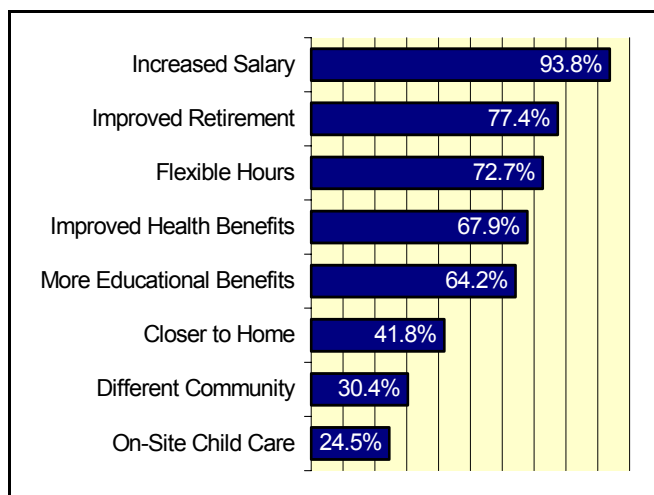
Local Area V Wage Demands



Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

The wage demands in Local Area V ranged from \$5.12 an hour to \$15.00. The important wage thresholds that enlarge the available labor pool are at \$8.00, \$10.00, \$12.00, and \$15.00.

Kansas Available Labor Pool Important Benefits



Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

The survey results also identified the benefits that attract workers in the available labor pool to a new job opportunity. The statewide estimates indicate that, in addition to salary, the available labor force highly weighs retirement, flexible hours and health benefits when considering another job opportunity.

Local Area V Labor Supply by Occupational Group

Occupational Groups	Labor	Percent
Available Labor Pool	88,321	100.0
Benchwork	40,804	46.2
Admin. Support	37,448	42.4
Agriculture	33,562	38.0
Processing	33,562	38.0
Machine Trades	33,120	37.5
Sales	28,793	32.6
Services	25,436	28.8
Construction	21,639	24.5

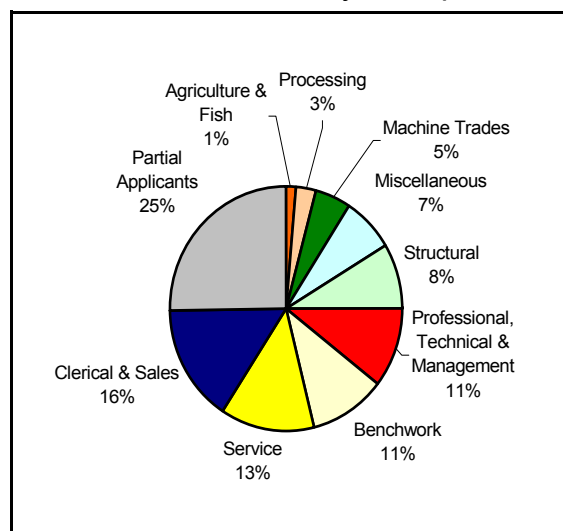
Source: Docking Institute of Public Affairs, Fort Hays State University. *The Kansas Labor Force Survey: The Available Labor Pool*. Published 2002.

Note: Some people may be available for employment in more than one group, therefore, the sum of the groups will not equal the total of the available labor pool.

The labor supply by occupational group represents estimates from *The Kansas Labor Force Survey* who: 1) would consider an employment opportunity in that occupational group, even if it meant switching from their current occupation, or 2) who are currently employed in that occupational group and looking for another job in that same group. Although the occupational groups represent a broad category of occupations, this data shows a more definite picture of the percentage of the labor pool in Area V who are possibly available for certain types of occupations.

In 2001, there was a monthly average of 6,230 jobseekers in Local Area V that were registered with the Kansas Job Service/Workforce Centers. However, there are other people available for employment who are not registered with this service.

Local Area V Active Jobseekers by Occupation



Source: Job Service Automated Reporting System, Kansas Department of Human Resources. 2001 Average. These are the jobseekers that are registered with a local Job Service/Workforce Center. Partial Applicants: These applicants were not occupationally classified.

Additional statistics indicate that there were approximately 26,086 claims filed in Area V for unemployment benefits in 2001. This number represents 16 percent of the new and emerging unemployment in the state.



Local Area V Kansas Covered Employment and Wages by Industry

Industry	Statewide Employment	Area V Employment	Area V Percent of Statewide	Statewide Average Wages	Area V Average Wages	Area V Compared to Statewide
Total	1,321,092	115,565	8.7	\$ 29,802	\$ 22,916	-\$ 6,886
Agriculture	16,581	944	5.7	\$ 22,650	\$ 19,143	-\$ 3,507
Mining	7,316	824	11.3	\$ 38,077	\$ 25,122	-\$ 12,955
Construction	64,862	4,865	7.5	\$ 32,942	\$ 26,009	-\$ 6,933
Manufacturing	207,849	26,779	12.9	\$ 38,394	\$ 28,144	-\$ 10,250
Transportation/Public Utilities	82,431	6,178	7.5	\$ 44,367	\$ 38,568	-\$ 5,799
Wholesale Trade	75,548	4,717	6.2	\$ 40,596	\$ 27,444	-\$ 13,152
Retail Trade	242,937	20,711	8.5	\$ 16,116	\$ 12,458	-\$ 3,658
Finance/Insurance/Real Estate	64,791	3,566	5.5	\$ 38,708	\$ 25,212	-\$ 13,496
Services	325,773	21,187	6.5	\$ 27,127	\$ 19,085	-\$ 8,042
Government	232,999	25,791	11.1	\$ 28,393	\$ 23,626	-\$ 4,767

Source: Labor Market Information Services. Twelve month annual average for third quarter 2000 through second quarter 2001.

Employment and wage data are extracted from tax documents submitted by employers subject to the Unemployment Security Law. While this is not a measure of all the employment in the state, these reports include the most accurate employment and wage data available.

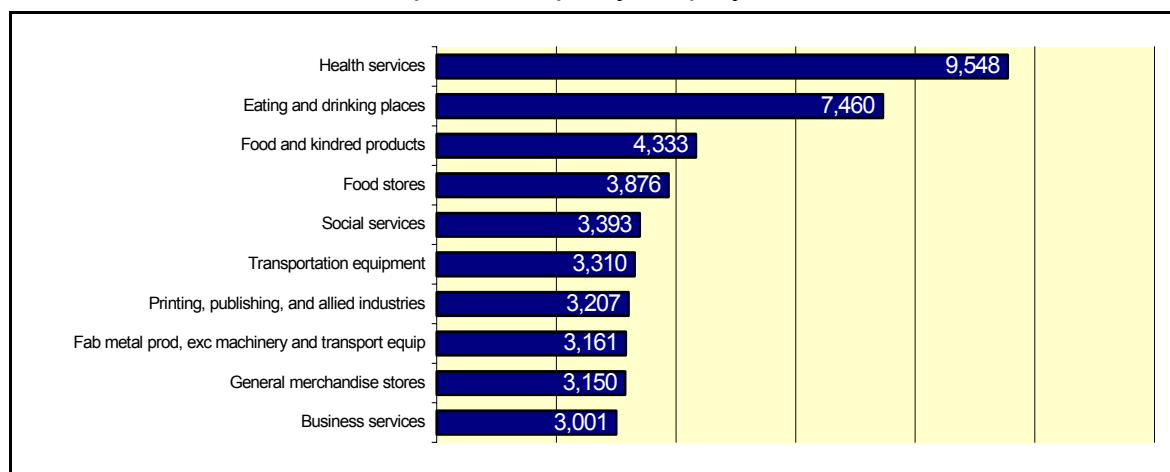
Some groups who are not included in covered employment are: self-employed and unpaid family workers, certain non-profit and membership organizations, railroad employment and some government officials.

Over 23 percent, or 26,779, of the people employed in Area V have jobs in the manufacturing industry. Government, at 25,791, also tops the 20 percent mark.

The average wages for all of the industries in this area were found to be lower than the statewide average.

Four of the top ten groups by employment are in the manufacturing industry, while three are in the services industry and three are in retail trade.

Local Area V Top 10 Groups by Employment



Source: Labor Market Information Services, Kansas Department of Human Resources. Twelve month average for the third quarter 2000 through the second quarter 2001.

Local Area V Major Employers

Employer	City
Wolf Creek Power Plant	Burlington
Emporia State University	Emporia
Hopkins Manufacturing Corporation	Emporia
IBP Inc	Emporia
Interstate Brands Corporation	Emporia
Mercy Hospital	Fort Scott
Amazon.com	Independence
Cessna Aircraft	Independence
Dana Engine Controls	Independence
Health Management of KS	Independence
Gates Rubber Co	Iola
Colbalt Boats	Neodesha
County of Labette	Oswego
Millers Inc	Pittsburg
Mt Carmel Medical Center	Pittsburg
Pittsburg State University	Pittsburg
Superior Industries	Pittsburg

Source: Info USA, America's Labor Market Information System. 2001, 2nd Edition.

A mass layoff is defined as a layoff of at least 31-days duration that involves 50 or more individuals from a single establishment, who filed initial claims for unemployment insurance during a consecutive five-week period.

Seven firms, located in three counties within Area V, experienced mass layoffs during 2001. Nearly 800 workers were affected.

Nine of the major employers in this area are in the manufacturing industry. Most of these are employers that manufacture transportation equipment, food products or rubber and plastic.

Five of these employers are in the services industry, with three in health services and two in educational services.

Employment by industry illustrates the projected changes in industry divisions during the ten-year period from 1998 to 2008.

Total employment in Local Area V is expected to grow 13.5 percent during this ten-year period, from 128,890 in 1998 to 146,340 in 2008.

The construction industry will lead in job creation, adding 7,600 new jobs between 1998 and 2008, a growth of 22.0 percent.

Agriculture is expected to experience a decline with a 19.5 percent decrease in employment, dropping 1,440 jobs. In addition, mining will also decrease by 7.5 percent over the ten-year period.

Local Area V Employment by Industry 1998-2008

Industry	Average Annual Employment		Change	
	1998	2008	Actual	Percent
Total	128,890	146,340	17,450	13.5
Agriculture	7,390	5,950	-1,440	-19.5
Mining	800	740	-60	-7.5
Construction	3,640	4,470	830	22.8
Manufacturing	27,400	30,350	2,950	10.8
Transportation, Communication, Public Utilities	5,840	6,610	770	13.2
Trade, Total	23,300	27,270	3,970	17.0
Wholesale Trade	4,470	5,040	570	12.8
Retail Trade	18,830	22,230	3,400	18.1
Finance, Insurance, Real Estate	3,400	3,740	340	10.0
Services	34,560	42,160	7,600	22.0
Government	8,400	9,470	1,070	12.7
Self Employed & Unpaid Family Workers	13,200	14,520	1,320	10.0
Private Households	960	1,060	100	10.4

Source: Labor Market Information Services, Kansas Department of Human Resources,. This data is for the Southeast Kansas region from the Kansas Occupational Outlook 2008, which includes Chase County, but excludes Miami County.



Local Area V
Average Annual Employment and Job Openings
1998-2008

Occupational Category	Average Annual Employment		Annual Job Openings		
	1998	2008	Total	Growth or Decline	Replacements
Total	128,890	146,340	4,190	1,490	2,700
Managerial & Administrative	8,180	9,230	240	110	130
Professional, Paraprofessional & Technical	24,170	29,110	710	360	350
Sales & Related	13,020	15,360	590	220	370
Clerical & Administrative Support	16,310	17,710	380	110	270
Service	23,430	27,540	1,100	400	700
Agriculture, Forestry, Fishing & Related	6,580	5,530	80	-100	180
Production, Construction, Operating, Maintenance & Material Handling	37,200	41,860	1,090	390	700

Source: Labor Market Information Services, Kansas Department of Human Resources,. This data is for the Southeast Kansas region from the Kansas Occupational Outlook 2008, which includes Chase County, but excludes Miami County.

Job openings are created in two ways. Either, new jobs are created, or existing jobs are vacated through retirement or other forms of separation.

Average annual job openings resulting from growth are determined by dividing total growth over the 1998 - 2008 period by ten. Replacement job openings due to workers retiring are based on census data. Combined, these two types of job openings equal total job openings. Job openings from turnover and promotions are not included.

Between 1998 and 2008, an estimated 4,190 new job openings are expected annually. The largest number of average annual job openings, 1,100, is reflected in the service occupational group.

The lowest level of new job openings, 80 annually, is in the group of agriculture, forestry and fishing occupations.

Fast growing occupations are defined as those having 1,000 or more employment in 2008 and a percent change in employment from 1998 of 31.0 percent, twice that of the statewide average of 15.5 percent for all occupations.

Area V only has one occupation, teacher aids, paraprofessional, that meet the criteria as a fast growing occupation.

Local Area V
Fastest Growing Occupations
1998-2008

Occupational Title	Average Annual Employment		Change	
	1998	2008	Actual	Percent
Teacher Aides, Paraprofessional	1,190	1,600	410	34.5

Source: Labor Market Information Services, Kansas Department of Human Resources,. This data is for the Southeast Kansas region from the Kansas Occupational Outlook 2008, which includes Chase County, but excludes Miami County.

Local Area V
Top 10 Occupations Adding the Most Jobs
1998-2008

Occupational Title	Average Annual Employment		Change	
	1998	2008	Actual	Percent
Total	21,910	26,610	4,700	21.5
Cashiers	3,100	3,870	770	24.8
Registered Nurses	1,860	2,390	530	28.5
Nursing Aides/Orderlies/Attendants	1,850	2,350	500	27.0
General Managers & Top Executives	2,930	3,410	480	16.4
Teachers, Secondary School	1,930	2,400	470	24.4
Retail Salespersons	2,560	2,990	430	16.8
Teacher Aides, Paraprofessional	1,190	1,600	410	34.5
Assemblers/Fabricators, Except Machine/ Electronic/Precision	2,660	3,060	400	15.0
Office Clerks, General	2,200	2,560	360	16.4
Waiters & Waitresses	1,630	1,980	350	21.5

Source: Labor Market Information Services, Kansas Department of Human Resources,. This data is for the Southeast Kansas region from the Kansas Occupational Outlook 2008, which includes Chase County, but excludes Miami County.

Cashiers are at the top of the list as an occupation adding the most jobs, with a growth of 770 new jobs.

Teacher aids, paraprofessionals, with a growth of 34.5 percent, lead the list as occupations with the largest percentage growth from 1998 to 2008. Registered nurses and nursing aids/orderlies/attendants will also increase by more than 25.0 percent during this ten-year period.

Declining occupations are defined as those having 1,000 or more employment in 2008 and a decrease in employment from 1998 to 2008.

Three of the occupations that meet the criteria as a declining occupations are agriculture-related. This industry is most consistently declining across the state.

Local Area V
Declining Occupations
1998-2008

Occupational Title	Average Annual Employment		Change	
	1998	2008	Actual	Percent
Total	6,620	5,590	-1,030	-15.6
Farm Workers, Except Agri Services	1,530	1,130	-400	-26.1
Farm Equipment Operators	1,590	1,270	-320	-20.1
Agriculture/Forestry/Fishing Workers, NEC	1,740	1,440	-300	-17.2
Bookkeeping/Accounting/Auditing Clerks	1,760	1,750	-10	-0.6

Source: Labor Market Information Services, Kansas Department of Human Resources,. This data is for the Southeast Kansas region from the Kansas Occupational Outlook 2008, which includes Chase County, but excludes Miami County.
NEC: Not elsewhere classified.



The Workforce Investment Act provides funding for eligible individuals to attend training at local educational facilities.

In addition to the list of higher education institutions and location, many colleges offer courses at off-campus location in this area.

Records from the Kansas Department of Education indicate there were over 3,300 high school graduates during the 1999-2000 school year in this area.

There were 922 childcare providers in Local Area V that were registered with the Kansas Department of Health and Environment as of June 2001.

To obtain assistance with contacting a licensed childcare facility in a specific county, contact: Kansas Department of Health and Environment at (785) 296-1522.

The median age of persons in this area is 39.3 years according to the 2000 census.

Assistance is available for both job seekers and employers at any of the Kansas Job Service/Workforce Centers or on the internet at www.kansasjoblinks.com.

Job search workshops have been developed to assist in setting career goals, planning your job search, developing a resume and preparing for interviews.

Local Area V Higher Educational Institutions

School	City
Neosho County Community College	Chanute
Coffeyville Community College	Coffeyville
Southeast Kansas Technical School	Coffeyville
Emporia State University	Emporia
Flint Hills Technical College	Emporia
Fort Scott Community College	Fort Scott
Independence Community College	Independence
Allen County Community College	Iola
Labette Community College	Parsons
Pittsburg State University	Pittsburg

Source: Kansas Department of Education, the National Center for Education Statistics and www.kansasjoblink.com

Job referrals are available when you are qualified for jobs listed with the office. In addition, assessment services are also available to help discover career interest, aptitudes, educational level and work values.

Services to veterans are available to all veterans. Additional services may be available to veterans depending on disability status or time of active duty.

For additional employment-related assistance, the Kansas Department of Human Resources Web site is www.hr.state.ks.us.

Additional labor market information can be found on the Labor Market Information Services Web site at <http://laborstats.hr.state.ks.us>.

Local Area V Kansas Job Service/Workforce Centers

County	City	Address	Telephone
Crawford	Pittsburg	105 W Euclid	(620) 231-4250
Lyon	Emporia	512 Market St	(620) 342-3355
Montgomery	Independence	200 Arco Place, Ste 101	(620) 332-1660
Neosho	Chanute	119 N Grant St	(620) 431-4950

Source: Employment & Training, Kansas Department of Human Resources.

Median household income is one indicator that can be used to measure the wealth of the population of an area. It is determined by dividing all cases into two equal parts; one-half fall below the median and one-half exceed the median.

The average median household income for Local Area V is \$29,613. This average is \$6,875 lower than the statewide average of \$36,488.

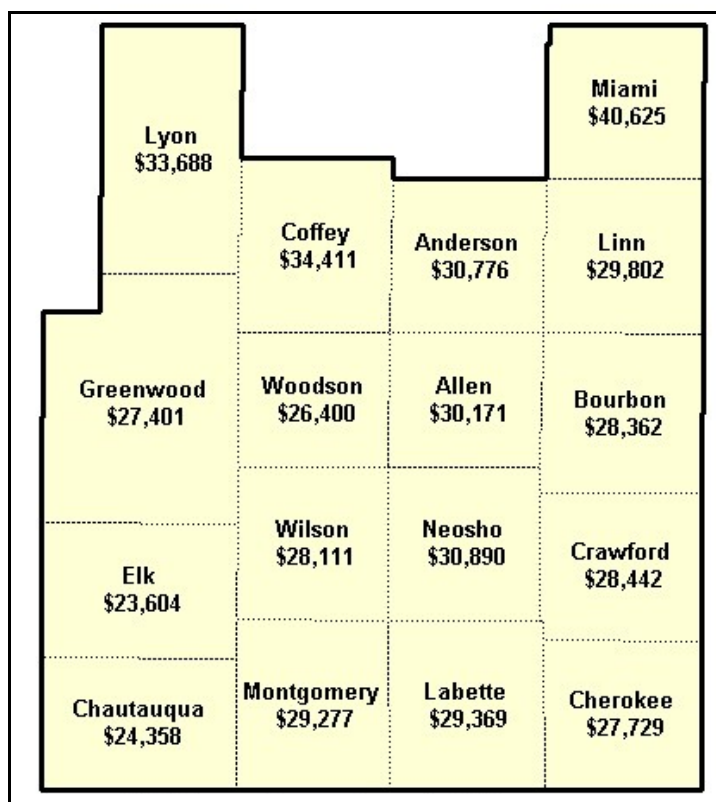
Miami County, with a median household income of \$40,625, is eighth in the state and is the only county in this area among the top ten counties in Kansas with the highest median household income. It is also the only county in this area with a median house income that is higher than the statewide average.

Per capita personal income is another measure of the wealth of an area's population as well as an indicator of the economic health of an area. It is determined by dividing the total personal income of county residents by the total population of the county.

The average per capita personal income for Local Area V is \$19,992, compared to the statewide average of \$26,705.

Miami County has the highest per capita personal income within Area V, standing at \$23,578. The lowest is Anderson at \$17,569.

**Local Area V
Median Household Income**

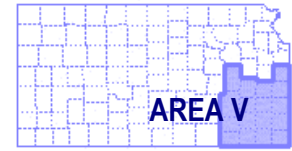


Source: U.S. Census Bureau. November 2000.

Notes



WAGE SURVEY



Overview

Occupational Employment Statistics (OES)

Program—Occupational and wage data are collected under the Occupational Employment Statistics (OES) program of the United States Department of Labor. The Bureau of Labor Statistics and the Employment and Training Administration contract with Labor Market Information Services, Kansas Department of Human Resources to collect wage data from employers. The OES program started in Kansas in 1979 and has been responsible for providing occupational employment demand information for the state since that time. In 1996, the OES program assumed collection of occupational wage information to lessen the reporting burden on employers. From the survey results, estimates of wages and employment by occupation are produced for the country. To access information for other states and national averages, the following web address is available: http://www.bls.gov/oes/national/oes_nat.htm.

Coding Occupations—The Occupational Employment Statistics (OES) survey is an annual mail survey measuring occupational employment and wage rates for wage and salary workers in non-farm establishments, by industry. The Standard Occupational Classification (SOC) System is used to code occupations and was developed in response to a growing need for a universal occupational classification system. The system is used by all Federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. All workers are classified into one of over 820 occupations according to their classification; occupations are combined to form 22 major groups, 96 minor groups and 449 broad occupations. Each broad occupation includes detailed occupations requiring similar job duties, skills, education or experience.

Local Area V—The Local Area V *Workforce Planning Guide & Wage Survey, 2002 Edition*, contains the most current wage information available. Collection activities were completed in August 2001. Wage data continues to be the most requested information produced by Labor Market Information Services. The data for over 400 occupations is presented in mean and median hourly wages, with an additional 31 shown as annual wages. Wage data for the state, four Metropolitan Statistical Areas (MSA) and the Balance of State can be found in the *Kansas Wage Survey* or on our website at <http://laborstats.hr.state.ks.us>.

The Wage Survey—Unemployment Insurance (UI) files provide the universe from which the OES survey draws its sample. The employment benchmarks are obtained from reports submitted by employers to the UI program. In some non-manufacturing industries, supplemental sources are used for establishments not reporting to the UI program. The OES survey sample is stratified by area, industry, and size class. Employers are the only source of data used to estimate wages and are among the top users of the information. The survey is primarily collected by mail. However, employers have available a toll-free line for making inquiries and reporting employment and wages. Follow-up reminder postcards are sent to sample units that do not respond after the first mailing. In addition, phone calls are made to clarify reported data and to encourage employer participation.

Employment Estimates—Employment estimates are for the fourth quarter of 2000. The estimates reflect only wage and salary employment. Occupational estimates for total employment are contained in the *Kansas Occupational Outlook*. The outlook employment estimates include self-employment and unpaid family workers, and workers not covered under the Kansas Unemployment Insurance Program.

Continued on page 16.



Continued from page 15.

Wage Updating—Wages were updated to the fourth quarter of 2001 using the Employment Cost Index (ECI). The ECI, administered as part of BLS National Compensation Survey, is computed quarterly from data collected in March, June, September, and December. The ECI measures changes in hourly labor compensation, free from the influence of employment shifts among occupations and industries, and is based on data originally obtained through the Occupational and Employment Survey (OES) which is conducted annually by the State of Kansas. Studies have shown that the ECI is a reliable and valid indicator of employment cost changes from quarter to quarter and many states, including Kansas, use the index to make wage estimates based on OES data more current. For additional information, access the Bureau of Labor Statistics at <http://www.bls.gov/>, or call Labor Market Information Services, Kansas Department of Human Resources at 785-296-5058.

General—In 1999 the Occupational Employment Survey (OES) began using the Office of Management and Budget's (OMB) new occupational classification system—the Standard Occupational Classification System (SOC). The SOC system is the first OMB required occupational classification system for Federal agencies. The OES survey uses 22 major occupational groups from the SOC to categorize workers in one of over 820 detailed occupations.

Wages—The wages for the OES survey are straight-time, gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous-duty pay, and incentive pay including commissions and production bonuses, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, and tuition reimbursements. Wages were updated to the fourth quarter of 2001 using ECI factors.

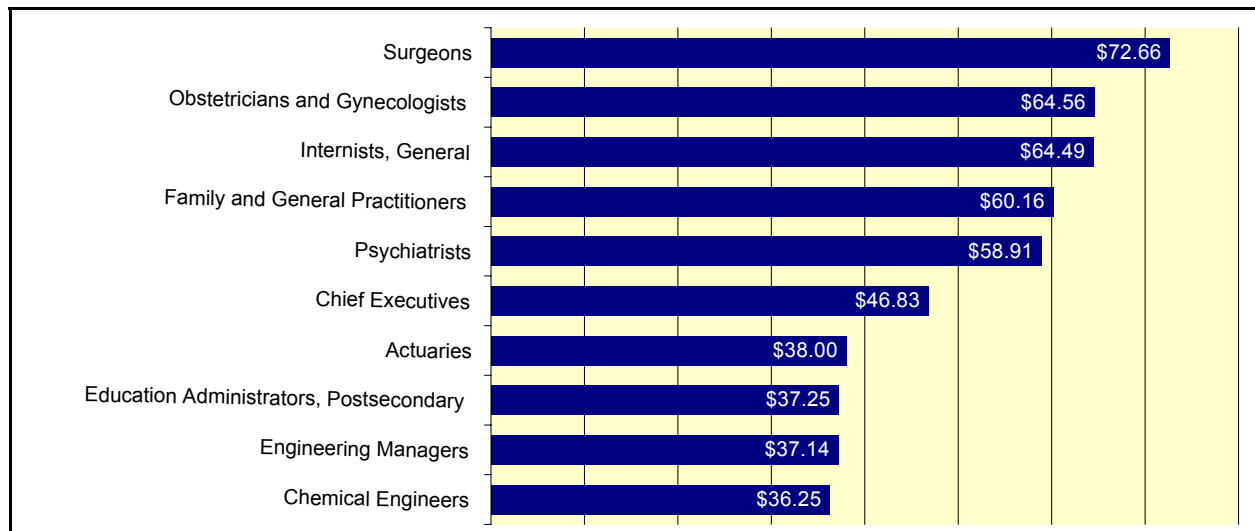
Annual Wages—Most employees are paid at an hourly rate by their employers and may work less than or more than 40 hours per week. There are a small number of occupations where an annual wage figure is provided. The workers in these occupations are paid based on an annual amount, but generally work less than the usual 2,080 hours per year. Since the survey does not collect the actual hours worked, the hourly rate cannot be calculated with a reasonable degree of confidence from the annual wages. For this reason, only the annual salary is reported for these occupations. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, flight attendants and pilots and teachers. Annual wages were updated to the fourth quarter of 2001 using ECI factors.

Not Available (N.A.)—In some instances employment or wage data is not available. Confidentiality and disclosure factors are considered in these designations.

Five of the top ten highest paying occupations in Area V are also among the top ten in the other four areas. These occupations are surgeons, obstetricians/gynecologist, family/general practitioners, internists and chief executives.

Five of the top ten highest paying occupations in Local Area V are in the healthcare practitioners and technical occupational group, while three occupations are in the management occupational group.

Local Area V Top 10 Highest Paying Occupations



Source: Labor Market Information Services, Kansas Department of Human Resources. Average wages for fourth quarter 2001.

The table below lists selected occupations where the average wages were found to be higher in Area VI than the statewide average. This list represents ten occupations where a significant difference was present.

Wages for all occupations in Area V can be compared to wages in the other local areas, metropolitan statistical areas (MSA) and the state averages by accessing our Web site at <http://laborstats.hr.state.ks.us>.

Local Area V Selected Occupations with Wages Higher than the State Average

Occupational Title	Area V Mean Wage	State Mean Wage	Difference
Education Administrators, Postsecondary	\$ 37.25	\$ 30.17	\$ 7.08
Sales Representatives, Services, All Other	\$ 26.70	\$ 22.23	\$ 4.47
Service Unit Operators, Oil, Gas, and Mining	\$ 18.23	\$ 14.08	\$ 4.15
Tax Examiners, Collectors, and Revenue Agents	\$ 24.37	\$ 20.35	\$ 4.02
Telecommunications Equipment Installers/Repairers, Except Line Installers	\$ 23.09	\$ 19.71	\$ 3.38
Advertising and Promotions Managers	\$ 28.82	\$ 25.85	\$ 2.97
Occupational Therapists	\$ 27.68	\$ 24.93	\$ 2.75
Electrical and Electronic Engineering Technicians	\$ 19.68	\$ 16.95	\$ 2.73
Cementing and Gluing Machine Operators and Tenders	\$ 15.10	\$ 12.63	\$ 2.47
Motor Vehicle Operators, All Other	\$ 12.72	\$ 10.39	\$ 2.33

Source: Labor Market Information Services, Kansas Department of Human Resources. Fourth quarter 2001.



Explanation of Data

Code—The six digit code assigned to occupations from the Standard Occupational Classification System (SOC code).

Occupational Title—The title assigned to the occupation from the Standard Occupational Classification System (SOC).

Estimated Employment—The estimate of total wage and salary employment by occupation based on data received during the fourth quarter of 2000.

Mean Wage —The estimated total wages for an occupation divided by its employment. Estimate updated to the fourth quarter of 2001.

Median Wage—The estimated 50th percentile of the distribution of wages. Estimate updated to the fourth quarter of 2001.

Annual Wages—Listed on page 31. Wages reported by specific occupational groups who traditionally work less than 2,080 hours each year. Estimate updated to the fourth quarter of 2001.

Definition of Occupational Titles—The definitions and illustrative examples of each occupation listed can be found in the *Kansas Wage Survey* or at our website at <http://laborstats.hr.state.ks.us>.

The following is a sample of the occupational data from Local Area V. Illustrated are the mean and median hourly wages for Human Resources Managers and the estimated number of employees for this region. This occupation can be found under the occupational group, Management Occupations, listed on page 19.

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
Management Occupations				
11-3040	Human Resources Managers	130	\$22.90	\$22.42

Local Area V
Wages by Occupation



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
Management Occupations				
11-1011	Chief Executives	300	\$46.83	\$45.05
11-1021	General and Operations Managers	2,420	\$26.44	\$24.12
11-1031	Legislators	90	\$21.12	\$20.83
11-2011	Advertising and Promotions Managers	140	\$28.82	\$30.00
11-2021	Marketing Managers	80	\$33.44	\$32.56
11-2022	Sales Managers	210	\$30.69	\$28.34
11-2031	Public Relations Managers	40	\$22.07	\$21.02
11-3011	Administrative Services Managers	210	\$19.00	\$17.72
11-3021	Computer and Information Systems Managers	110	\$26.01	\$24.55
11-3031	Financial Managers	400	\$29.67	\$27.48
11-3040	Human Resources Managers	130	\$22.90	\$22.42
11-3051	Industrial Production Managers	280	\$24.85	\$22.00
11-3061	Purchasing Managers	120	\$23.80	\$21.52
11-3071	Transportation, Storage, and Distribution Managers	90	\$24.83	\$22.40
11-9021	Construction Managers	180	\$23.90	\$23.10
11-9031	Education Administrators, Preschool and Child Care Center/Program	100	\$18.89	\$11.09
11-9033	Education Administrators, Postsecondary	160	\$37.25	\$40.48
11-9041	Engineering Managers	70	\$37.14	\$36.13
11-9051	Food Service Managers	320	\$14.68	\$14.06
11-9061	Funeral Directors	40	\$18.10	\$18.40
11-9081	Lodging Managers	20	\$10.93	\$8.98
11-9111	Medical and Health Services Managers	320	\$23.97	\$23.29
11-9121	Natural Sciences Managers	NA	\$30.23	\$28.25
11-9131	Postmasters and Mail Superintendents	110	\$20.40	\$20.15
11-9141	Property, Real Estate, and Community Association Managers	50	\$15.03	\$12.97
11-9151	Social and Community Service Managers	110	\$14.44	\$13.25
11-9199	Managers, All Other	180	\$22.39	\$19.39
Business and Financial Operations Occupations				
13-1021	Purchasing Agents and Buyers, Farm Products	20	\$19.70	\$19.92
13-1022	Wholesale and Retail Buyers, Except Farm Products	40	\$17.12	\$16.01
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	160	\$17.27	\$15.85
13-1031	Claims Adjusters, Examiners, and Investigators	20	\$24.72	\$21.93
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	100	\$20.27	\$17.80
13-1051	Cost Estimators	180	\$19.54	\$16.86
13-1071	Employment, Recruitment, and Placement Specialists	110	\$14.35	\$13.29
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	\$14.86	\$14.54
13-1073	Training and Development Specialists	160	\$16.37	\$16.08
13-1111	Management Analysts	40	\$25.00	\$24.74
13-1199	Business Operations Specialists, All Other	140	\$20.57	\$20.63
13-2011	Accountants and Auditors	300	\$19.26	\$18.18



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
13-2021	Appraisers and Assessors of Real Estate	250	\$21.53	\$20.41
13-2031	Budget Analysts	10	\$22.65	\$22.16
13-2041	Credit Analysts	10	\$23.69	\$20.97
13-2051	Financial Analysts	90	\$20.55	\$20.87
13-2053	Insurance Underwriters	100	\$25.95	\$24.65
13-2072	Loan Officers	120	\$20.76	\$21.47
13-2081	Tax Examiners, Collectors, and Revenue Agents	10	\$24.37	\$25.48
13-2082	Tax Preparers	10	\$14.07	\$13.99
13-2099	Financial Specialists, All Other	20	\$15.57	\$13.86
Computer and Mathematical Occupations				
15-1021	Computer Programmers	210	\$17.95	\$18.51
15-1031	Computer Software Engineers, Applications	20	\$25.93	\$23.86
15-1032	Computer Software Engineers, Systems Software	10	\$21.95	\$21.79
15-1041	Computer Support Specialists	180	\$16.44	\$14.15
15-1051	Computer Systems Analysts	90	\$22.31	\$20.26
15-1061	Database Administrators	50	\$16.51	\$15.08
15-1071	Network and Computer Systems Administrators	140	\$20.21	\$19.78
15-1081	Network Systems and Data Communications Analysts	10	\$26.48	\$28.45
15-1099	Computer Specialists, All Other	10	\$22.96	\$25.28
15-2011	Actuaries	10	\$38.00	\$37.32
Architecture and Engineering Occupations				
17-1022	Surveyors	30	\$14.05	\$15.13
17-2041	Chemical Engineers	20	\$36.25	\$31.73
17-2051	Civil Engineers	40	\$26.85	\$26.10
17-2061	Computer Hardware Engineers	20	\$23.63	\$23.31
17-2071	Electrical Engineers	50	\$28.29	\$27.20
17-2072	Electronics Engineers, Except Computer	20	\$22.15	\$21.54
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	\$21.65	\$21.71
17-2112	Industrial Engineers	80	\$21.72	\$20.98
17-2141	Mechanical Engineers	120	\$25.48	\$25.60
17-2199	Engineers, All Other	40	\$25.11	\$25.64
17-3011	Architectural and Civil Drafters	20	\$15.39	\$15.33
17-3012	Electrical and Electronics Drafters	NA	\$17.90	\$17.47
17-3013	Mechanical Drafters	80	\$14.49	\$13.33
17-3023	Electrical and Electronic Engineering Technicians	40	\$19.68	\$16.36
17-3024	Electro-Mechanical Technicians	20	\$16.05	\$15.90
17-3025	Environmental Engineering Technicians	20	\$21.44	\$20.29
17-3027	Mechanical Engineering Technicians	100	\$19.03	\$18.23
17-3099	All Other Drafters, Engineering, and Mapping Technicians	60	\$18.29	\$16.60
Life, Physical, and Social Science Occupations				
19-1010	Agricultural and Food Scientists	20	\$19.76	\$19.75

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
19-1022	Microbiologists	20	\$20.28	\$20.48
19-1023	Zoologists and Wildlife Biologists	NA	\$19.75	\$19.98
19-1031	Conservation Scientists	20	\$23.79	\$24.70
19-2031	Chemists	40	\$21.40	\$20.99
19-2042	Geoscientists, Except Hydrologists and Geographers	10	\$23.18	\$23.81
19-3031	Clinical, Counseling, and School Psychologists	100	\$20.41	\$18.20
19-3099	Social Scientists and Related Workers, All Other	350	\$13.83	\$8.82
19-4011	Agricultural and Food Science Technicians	20	\$14.44	\$13.29
19-4021	Biological Technicians	NA	\$11.49	\$11.16
19-4031	Chemical Technicians	40	\$16.72	\$18.37
19-4093	Forest and Conservation Technicians	20	\$14.64	\$15.29
Community and Social Services Occupations				
21-1011	Substance Abuse and Behavioral Disorder Counselors	100	\$11.09	\$8.68
21-1012	Educational, Vocational, and School Counselors	310	\$16.91	\$18.59
21-1014	Mental Health Counselors	90	\$13.44	\$11.03
21-1015	Rehabilitation Counselors	370	\$8.22	\$8.05
21-1021	Child, Family, and School Social Workers	100	\$14.42	\$13.19
21-1022	Medical and Public Health Social Workers	70	\$15.56	\$15.26
21-1023	Mental Health and Substance Abuse Social Workers	110	\$12.98	\$12.46
21-1092	Probation Officers and Correctional Treatment Specialists	20	\$13.67	\$13.55
21-1093	Social and Human Service Assistants	280	\$9.46	\$8.71
21-2011	Clergy	20	\$16.11	\$15.14
21-9099	All Other Counselors, Social and Religious Workers	90	\$11.70	\$11.06
Legal Occupations				
23-1011	Lawyers	170	\$23.90	\$22.37
23-2011	Paralegals and Legal Assistants	70	\$13.25	\$12.70
23-9099	All Other Legal and Related Workers	10	\$18.13	\$18.69
Education, Training, and Library Occupations				
25-1099	Postsecondary Teachers, All Other	140	\$10.08	\$8.25
25-1194	Vocational Education Teachers, Postsecondary	100	\$18.07	\$16.81
25-2011	Preschool Teachers, Except Special Education	230	\$9.22	\$8.01
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	\$14.83	\$15.43
25-3021	Self-Enrichment Education Teachers	40	\$18.67	\$20.59
25-4010	Archivists, Curators, and Museum Technicians	NA	\$12.49	\$12.59
25-4021	Librarians	230	\$18.50	\$18.50
25-4031	Library Technicians	90	\$7.83	\$7.23
25-9031	Instructional Coordinators	20	\$19.32	\$17.59
Arts, Design, Entertainment, Sports, and Media Occupations				
27-1011	Art Directors	NA	\$23.84	\$24.53
27-1023	Floral Designers	60	\$6.72	\$6.40
27-1024	Graphic Designers	120	\$11.13	\$9.95



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
27-2032	Choreographers	20	\$12.09	\$11.22
27-3010	Announcers	140	\$7.71	\$7.11
27-3020	News Analysts, Reporters and Correspondents	170	\$9.73	\$9.86
27-3031	Public Relations Specialists	50	\$18.32	\$17.43
27-3041	Editors	90	\$12.64	\$10.00
27-4011	Audio and Video Equipment Technicians	110	\$9.08	\$6.77
27-4021	Photographers	40	\$9.50	\$8.87
Healthcare Practitioners and Technical Occupations				
29-1031	Dietitians and Nutritionists	20	\$18.73	\$18.90
29-1051	Pharmacists	280	\$32.87	\$33.32
29-1062	Family and General Practitioners	30	\$60.16	\$64.94
29-1063	Internists, General	20	\$64.49	\$72.66
29-1064	Obstetricians and Gynecologists	NA	\$64.56	\$65.13
29-1066	Psychiatrists	10	\$58.91	\$61.36
29-1067	Surgeons	10	\$72.66	\$72.67
29-1071	Physician Assistants	10	\$33.45	\$31.68
29-1111	Registered Nurses	2,570	\$19.09	\$17.36
29-1122	Occupational Therapists	50	\$27.68	\$26.24
29-1123	Physical Therapists	70	\$25.94	\$26.19
29-1125	Recreational Therapists	100	\$12.68	\$12.86
29-1126	Respiratory Therapists	90	\$14.90	\$15.08
29-1127	Speech-Language Pathologists	40	\$20.86	\$20.37
29-1131	Veterinarians	30	\$20.20	\$20.07
29-2011	Medical and Clinical Laboratory Technologists	330	\$16.62	\$16.33
29-2012	Medical and Clinical Laboratory Technicians	130	\$11.94	\$11.10
29-2021	Dental Hygienists	50	\$18.44	\$16.69
29-2031	Cardiovascular Technologists and Technicians	20	\$17.48	\$17.72
29-2034	Radiologic Technologists and Technicians	190	\$15.48	\$15.22
29-2041	Emergency Medical Technicians and Paramedics	280	\$9.26	\$8.84
29-2052	Pharmacy Technicians	230	\$9.23	\$9.19
29-2053	Psychiatric Technicians	510	\$12.43	\$12.57
29-2054	Respiratory Therapy Technicians	40	\$13.53	\$14.66
29-2055	Surgical Technologists	40	\$11.64	\$11.04
29-2056	Veterinary Technologists and Technicians	40	\$9.81	\$11.31
29-2061	Licensed Practical and Licensed Vocational Nurses	790	\$12.73	\$12.75
29-2071	Medical Records and Health Information Technicians	230	\$10.75	\$10.24
29-2081	Opticians, Dispensing	20	\$9.90	\$8.28
29-9010	Occupational Health and Safety Specialists and Technicians	30	\$12.80	\$11.27
29-9199	All Other Health Professionals and Technicians	60	\$11.96	\$11.39
Healthcare Support Occupations				
31-1011	Home Health Aides	590	\$8.36	\$8.40

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
31-1012	Nursing Aides, Orderlies, and Attendants	2,400	\$8.27	\$8.18
31-1013	Psychiatric Aides	290	\$7.45	\$7.46
31-2012	Occupational Therapist Aides	120	\$7.14	\$7.20
31-2021	Physical Therapist Assistants	50	\$14.07	\$14.12
31-2022	Physical Therapist Aides	90	\$8.94	\$8.94
31-9091	Dental Assistants	60	\$11.85	\$12.13
31-9092	Medical Assistants	150	\$9.22	\$8.98
31-9094	Medical Transcriptionists	140	\$9.87	\$9.83
31-9095	Pharmacy Aides	70	\$8.03	\$7.90
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	210	\$6.83	\$6.43
31-9099	Healthcare Support Workers, All Other	60	\$8.99	\$8.39
Protective Service Occupations				
33-1012	First-Line Supervisors/Managers of Police and Detectives	100	\$17.25	\$16.48
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	\$15.04	\$14.82
33-2011	Fire Fighters	230	\$9.43	\$9.08
33-3012	Correctional Officers and Jailers	270	\$11.26	\$10.48
33-3021	Detectives and Criminal Investigators	50	\$14.17	\$14.64
33-3051	Police and Sheriff's Patrol Officers	480	\$12.27	\$12.11
33-9032	Security Guards	560	\$7.99	\$6.54
33-9091	Crossing Guards	40	\$6.97	\$7.03
33-9099	Protective Service Workers, All Other	60	\$10.86	\$9.51
Food Preparation and Serving-Related Occupations				
35-1011	Chefs and Head Cooks	20	\$11.84	\$10.90
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	360	\$8.81	\$8.77
35-2011	Cooks, Fast Food	130	\$6.50	\$6.44
35-2012	Cooks, Institution and Cafeteria	1,360	\$7.73	\$7.61
35-2014	Cooks, Restaurant	190	\$6.77	\$6.62
35-2015	Cooks, Short Order	110	\$6.73	\$6.64
35-2021	Food Preparation Workers	620	\$7.03	\$6.95
35-3011	Bartenders	890	\$6.11	\$6.20
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,620	\$6.50	\$6.52
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	220	\$6.41	\$6.37
35-3031	Waiters and Waitresses	1,050	\$7.36	\$6.64
35-3041	Food Servers, Nonrestaurant	200	\$6.35	\$6.34
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	170	\$6.30	\$6.36
35-9021	Dishwashers	230	\$6.38	\$6.39
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	50	\$6.61	\$6.61



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
Building and Grounds Cleaning and Maintenance Occupations				
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	200	\$12.09	\$11.63
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	20	\$15.95	\$14.32
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,530	\$8.57	\$8.20
37-2012	Maids and Housekeeping Cleaners	750	\$7.10	\$7.10
37-3011	Landscaping and Groundskeeping Workers	350	\$9.95	\$9.72
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	10	\$12.77	\$13.17
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	20	\$10.40	\$9.96
Personal Care and Service Occupations				
39-1021	First-Line Supervisors/Managers of Personal Service Workers	70	\$10.41	\$10.40
39-2021	Nonfarm Animal Caretakers	30	\$7.46	\$7.64
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	\$6.20	\$6.42
39-3091	Amusement and Recreation Attendants	160	\$6.85	\$6.51
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	\$7.09	\$7.08
39-5012	Hairdressers, Hairstylists, and Cosmetologists	80	\$8.35	\$9.02
39-9011	Child Care Workers	250	\$6.94	\$6.75
39-9021	Personal and Home Care Aides	540	\$7.56	\$7.66
39-9031	Fitness Trainers and Aerobics Instructors	280	\$6.60	\$6.53
39-9041	Residential Advisors	380	\$7.03	\$7.05
39-9099	Personal Care and Service Workers, All Other	60	\$7.57	\$7.10
Sales and Related Occupations				
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,310	\$11.00	\$10.08
41-2011	Cashiers	3,520	\$6.52	\$6.44
41-2021	Counter and Rental Clerks	530	\$6.29	\$6.25
41-2022	Parts Salespersons	190	\$8.95	\$8.39
41-2031	Retail Salespersons	2,660	\$7.88	\$6.74
41-3011	Advertising Sales Agents	200	\$13.65	\$12.17
41-3021	Insurance Sales Agents	470	\$8.98	\$8.31
41-3099	Sales Representatives, Services, All Other	50	\$26.70	\$26.18
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	50	\$22.41	\$22.77
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	740	\$20.51	\$16.58
41-9011	Demonstrators and Product Promoters	10	\$8.48	\$8.39
41-9031	Sales Engineers	20	\$28.50	\$29.18
41-9041	Telemarketers	70	\$8.53	\$7.57
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	30	\$7.54	\$6.83
41-9099	Sales and Related Workers, All Other	170	\$16.59	\$15.59

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
Office and Administrative Support Occupations				
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	780	\$14.78	\$14.10
43-2011	Switchboard Operators, Including Answering Service	570	\$8.71	\$8.84
43-3011	Bill and Account Collectors	160	\$9.93	\$9.42
43-3021	Billing and Posting Clerks and Machine Operators	420	\$10.66	\$9.97
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,440	\$10.51	\$9.86
43-3051	Payroll and Timekeeping Clerks	230	\$11.49	\$11.83
43-3061	Procurement Clerks	60	\$11.07	\$10.81
43-3071	Tellers	350	\$7.50	\$7.39
43-4011	Brokerage Clerks	NA	\$15.75	\$15.90
43-4021	Correspondence Clerks	NA	\$12.86	\$14.10
43-4031	Court, Municipal, and License Clerks	60	\$9.73	\$9.84
43-4051	Customer Service Representatives	2,000	\$11.98	\$12.58
43-4071	File Clerks	310	\$7.30	\$6.87
43-4081	Hotel, Motel, and Resort Desk Clerks	30	\$7.97	\$8.01
43-4111	Interviewers, Except Eligibility and Loan	230	\$12.27	\$11.68
43-4121	Library Assistants, Clerical	460	\$7.61	\$6.86
43-4131	Loan Interviewers and Clerks	60	\$9.16	\$9.39
43-4141	New Accounts Clerks	10	\$11.28	\$10.38
43-4151	Order Clerks	210	\$10.74	\$10.22
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	80	\$12.90	\$12.54
43-4171	Receptionists and Information Clerks	570	\$8.18	\$8.20
43-4999	All Other Financial, Information, and Record Clerks	140	\$13.56	\$11.79
43-5011	Cargo and Freight Agents	10	\$15.51	\$15.96
43-5031	Police, Fire, and Ambulance Dispatchers	200	\$9.70	\$9.53
43-5032	Dispatchers, Except Police, Fire, and Ambulance	50	\$14.10	\$11.91
43-5041	Meter Readers, Utilities	50	\$13.45	\$13.68
43-5051	Postal Service Clerks	80	\$18.99	\$19.49
43-5052	Postal Service Mail Carriers	460	\$17.86	\$18.70
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	80	\$9.86	\$9.48
43-5061	Production, Planning, and Expediting Clerks	220	\$14.36	\$13.89
43-5071	Shipping, Receiving, and Traffic Clerks	740	\$11.39	\$10.72
43-5081	Stock Clerks and Order Fillers	1,660	\$9.39	\$7.94
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	80	\$11.85	\$11.65
43-6011	Executive Secretaries and Administrative Assistants	420	\$13.71	\$13.30
43-6012	Legal Secretaries	100	\$10.60	\$10.42
43-6013	Medical Secretaries	180	\$8.65	\$8.54
43-6014	Secretaries, Except Legal, Medical, and Executive	2,010	\$9.20	\$9.02
43-9011	Computer Operators	100	\$12.53	\$12.66
43-9021	Data Entry Keyers	330	\$9.27	\$8.88



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
43-9022	Word Processors and Typists	230	\$7.90	\$6.96
43-9031	Desktop Publishers	90	\$10.16	\$9.71
43-9041	Insurance Claims and Policy Processing Clerks	20	\$10.67	\$10.51
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	220	\$6.37	\$6.51
43-9061	Office Clerks, General	2,870	\$8.53	\$7.73
43-9081	Proofreaders and Copy Markers	40	\$8.96	\$8.55
43-9111	Statistical Assistants	10	\$12.54	\$12.65
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	70	\$11.54	\$10.41
Farming, Fishing, and Forestry Occupations				
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	60	\$7.08	\$6.78
45-2093	Farmworkers, Farm and Ranch Animals	110	\$7.37	\$7.08
Construction and Extraction Occupations				
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	420	\$17.56	\$16.62
47-2031	Carpenters	610	\$13.09	\$12.11
47-2051	Cement Masons and Concrete Finishers	110	\$12.04	\$10.92
47-2061	Construction Laborers	850	\$10.01	\$9.32
47-2071	Paving, Surfacing, and Tamping Equipment Operators	110	\$10.06	\$10.05
47-2073	Operating Engineers and Other Construction Equipment Operators	380	\$12.95	\$11.20
47-2111	Electricians	520	\$18.90	\$18.94
47-2121	Glaziers	40	\$13.52	\$11.44
47-2141	Painters, Construction and Maintenance	100	\$14.24	\$13.41
47-2152	Plumbers, Pipefitters, and Steamfitters	210	\$15.96	\$16.20
47-2181	Roofers	180	\$10.09	\$9.90
47-2211	Sheet Metal Workers	140	\$12.88	\$11.06
47-2221	Structural Iron and Steel Workers	70	\$19.41	\$18.17
47-3012	Helpers--Carpenters	NA	\$10.32	\$10.44
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	10	\$10.32	\$10.44
47-3019	Helpers, Construction Trades, All Other	10	\$10.19	\$11.82
47-4011	Construction and Building Inspectors	20	\$14.17	\$13.07
47-4041	Hazardous Materials Removal Workers	10	\$15.70	\$15.85
47-4051	Highway Maintenance Workers	250	\$11.40	\$10.90
47-4999	All Other Construction Trades and Related Workers	80	\$10.79	\$10.68
47-5011	Derrick Operators, Oil and Gas	40	\$12.50	\$12.61
47-5012	Rotary Drill Operators, Oil and Gas	10	\$15.70	\$15.85
47-5013	Service Unit Operators, Oil, Gas, and Mining	150	\$18.23	\$19.45
47-5071	Roustabouts, Oil and Gas	60	\$11.40	\$11.50
47-5081	Helpers--Extraction Workers	190	\$8.57	\$8.39
Installation, Maintenance, and Repair Occupations				
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	520	\$23.15	\$22.15

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
49-2011	Computer, Automated Teller, and Office Machine Repairers	60	\$11.66	\$11.32
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	240	\$23.09	\$24.68
49-2092	Electric Motor, Power Tool, and Related Repairers	30	\$13.37	\$12.18
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	10	\$25.96	\$26.30
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	\$14.65	\$14.57
49-2099	All Other Electrical and Electronic Equipment Mechanics, Installers, and Repairers	160	\$22.43	\$24.36
49-3011	Aircraft Mechanics and Service Technicians	20	\$16.01	\$15.98
49-3021	Automotive Body and Related Repairers	90	\$14.64	\$14.54
49-3023	Automotive Service Technicians and Mechanics	520	\$11.37	\$10.96
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	340	\$13.51	\$13.05
49-3041	Farm Equipment Mechanics	120	\$11.52	\$11.81
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	120	\$14.31	\$13.30
49-3043	Rail Car Repairers	10	\$12.81	\$12.76
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	30	\$10.08	\$10.26
49-3099	All Other Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	10	\$12.01	\$12.29
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	70	\$14.14	\$13.78
49-9041	Industrial Machinery Mechanics	140	\$16.26	\$16.62
49-9042	Maintenance and Repair Workers, General	1,440	\$12.12	\$11.88
49-9043	Maintenance Workers, Machinery	170	\$14.16	\$14.14
49-9051	Electrical Power-Line Installers and Repairers	190	\$21.06	\$21.29
49-9052	Telecommunications Line Installers and Repairers	760	\$24.15	\$25.00
49-9069	Precision Instrument and Equipment Repairers, All Other	50	\$11.87	\$11.16
49-9095	Manufactured Building and Mobile Home Installers	10	\$11.22	\$10.69
49-9098	Helpers--Installation, Maintenance, and Repair Workers	100	\$11.10	\$10.78
49-9099	Installation, Maintenance, and Repair Workers, All Other	160	\$14.54	\$13.41
Production Occupations				
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,040	\$18.67	\$18.57
51-2021	Coil Winders, Tapers, and Finishers	110	\$7.81	\$8.03
51-2022	Electrical and Electronic Equipment Assemblers	160	\$8.57	\$7.84
51-2023	Electromechanical Equipment Assemblers	210	\$8.10	\$7.41
51-2031	Engine and Other Machine Assemblers	80	\$13.03	\$12.92
51-2041	Structural Metal Fabricators and Fitters	220	\$14.58	\$15.08
51-2091	Fiberglass Laminators and Fabricators	330	\$10.67	\$10.50
51-2092	Team Assemblers	1,460	\$10.13	\$9.55
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	480	\$10.29	\$10.39
51-2099	Assemblers and Fabricators, All Other	310	\$9.96	\$9.90
51-3011	Bakers	90	\$8.68	\$7.90



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
51-3021	Butchers and Meat Cutters	130	\$12.54	\$12.68
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	60	\$8.17	\$7.95
51-3023	Slaughterers and Meat Packers	610	\$9.74	\$9.70
51-3092	Food Batchmakers	40	\$9.02	\$9.00
51-3093	Food Cooking Machine Operators and Tenders	20	\$10.16	\$10.28
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	430	\$13.04	\$12.03
51-4012	Numerical Tool and Process Control Programmers	20	\$15.12	\$14.34
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	690	\$11.47	\$10.98
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	\$10.74	\$10.57
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	\$25.35	\$25.63
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	370	\$12.50	\$12.08
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	50	\$9.27	\$9.50
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	140	\$10.84	\$11.25
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	180	\$10.06	\$9.68
51-4041	Machinists	620	\$13.73	\$13.43
51-4051	Metal-Refining Furnace Operators and Tenders	110	\$11.22	\$10.95
51-4052	Pourers and Casters, Metal	20	\$14.38	\$14.60
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	60	\$11.11	\$10.56
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	300	\$12.38	\$12.62
51-4111	Tool and Die Makers	60	\$14.94	\$15.30
51-4121	Welders, Cutters, Solderers, and Brazers	1,350	\$13.22	\$13.25
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	40	\$14.70	\$14.92
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	50	\$11.89	\$11.45
51-4192	Lay-Out Workers, Metal and Plastic	70	\$10.63	\$9.92
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	90	\$12.20	\$12.32
51-4194	Tool Grinders, Filers, and Sharpeners	40	\$16.76	\$16.99
51-4199	Metal Workers and Plastic Workers, All Other	230	\$9.63	\$8.38
51-5011	Bindery Workers	170	\$9.82	\$9.63
51-5021	Job Printers	140	\$12.52	\$12.74
51-5022	Prepress Technicians and Workers	150	\$10.37	\$10.71
51-5023	Printing Machine Operators	330	\$11.06	\$11.00
51-6011	Laundry and Dry-Cleaning Workers	200	\$7.28	\$7.32

Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
51-6021	Pressers, Textile, Garment, and Related Materials	10	\$7.53	\$7.77
51-6031	Sewing Machine Operators	600	\$8.47	\$8.12
51-6052	Tailors, Dressmakers, and Custom Sewers	40	\$7.68	\$6.92
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	40	\$8.89	\$8.60
51-7011	Cabinetmakers and Bench Carpenters	140	\$10.66	\$10.13
51-7032	Patternmakers, Wood	20	\$12.65	\$12.57
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	220	\$9.04	\$9.07
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	270	\$9.31	\$9.18
51-7099	Woodworkers, All Other	10	\$9.45	\$9.64
51-8013	Power Plant Operators	480	\$23.61	\$23.26
51-8021	Stationary Engineers and Boiler Operators	60	\$19.22	\$14.31
51-8031	Water and Liquid Waste Treatment Plant and System Operators	170	\$12.05	\$11.76
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	470	\$19.81	\$20.11
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	20	\$9.57	\$9.77
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	60	\$11.89	\$11.25
51-9022	Grinding and Polishing Workers, Hand	80	\$9.09	\$9.45
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	100	\$10.91	\$11.21
51-9031	Cutters and Trimmers, Hand	60	\$9.23	\$9.41
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	\$10.29	\$10.22
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	30	\$10.96	\$10.79
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	40	\$14.18	\$15.05
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	630	\$12.75	\$12.34
51-9083	Ophthalmic Laboratory Technicians	10	\$9.90	\$10.01
51-9111	Packaging and Filling Machine Operators and Tenders	330	\$12.10	\$12.25
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	340	\$10.27	\$10.07
51-9122	Painters, Transportation Equipment	30	\$12.32	\$12.49
51-9131	Photographic Process Workers	70	\$8.42	\$8.00
51-9132	Photographic Processing Machine Operators	90	\$9.30	\$8.42
51-9191	Cementing and Gluing Machine Operators and Tenders	30	\$15.10	\$10.47
51-9194	Etchers and Engravers	60	\$9.30	\$7.05
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	NA	\$8.90	\$8.83
51-9196	Paper Goods Machine Setters, Operators, and Tenders	520	\$13.89	\$13.28
51-9198	Helpers--Production Workers	860	\$8.24	\$8.19
51-9199	Production Workers, All Other	310	\$8.44	\$7.79



Code	Occupational Title	Estimated Employment	Mean Wage	Median Wage
Transportation and Material Moving Occupations				
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	140	\$15.59	\$14.85
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	160	\$17.09	\$16.07
53-3021	Bus Drivers, Transit and Intercity	160	\$8.44	\$8.27
53-3022	Bus Drivers, School	720	\$9.03	\$8.46
53-3031	Driver/Sales Workers	210	\$12.35	\$10.74
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,450	\$13.38	\$11.77
53-3033	Truck Drivers, Light or Delivery Services	630	\$13.15	\$11.23
53-3041	Taxi Drivers and Chauffeurs	100	\$6.26	\$6.23
53-3099	Motor Vehicle Operators, All Other	150	\$12.72	\$11.93
53-6031	Service Station Attendants	60	\$8.18	\$7.59
53-7011	Conveyor Operators and Tenders	30	\$12.08	\$12.43
53-7021	Crane and Tower Operators	70	\$14.36	\$13.42
53-7032	Excavating and Loading Machine and Dragline Operators	220	\$12.27	\$12.28
53-7051	Industrial Truck and Tractor Operators	410	\$11.63	\$11.37
53-7061	Cleaners of Vehicles and Equipment	180	\$7.31	\$6.90
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,510	\$8.71	\$8.10
53-7063	Machine Feeders and Offbearers	220	\$8.07	\$7.98
53-7064	Packers and Packagers, Hand	1,020	\$7.45	\$6.92
53-7073	Wellhead Pumpers	50	\$10.53	\$10.51
53-7081	Refuse and Recyclable Material Collectors	330	\$12.10	\$12.46
53-7121	Tank Car, Truck, and Ship Loaders	120	\$13.53	\$12.85

NA - Not Available

Local Area V
Average Annual Wage For Selected Occupations

Code	Occupational Title	Estimated Employment	Annual Wage
11-9032	Education Administrators, Elementary and Secondary School	280	\$58,731
25-1021	Computer Science Teachers, Postsecondary	60	\$42,097
25-1032	Engineering Teachers, Postsecondary	190	\$46,086
25-1042	Biological Science Teachers, Postsecondary	60	\$48,043
25-1052	Chemistry Teachers, Postsecondary	30	\$41,365
25-1054	Physics Teachers, Postsecondary	20	\$52,929
25-1065	Political Science Teachers, Postsecondary	20	\$38,152
25-1066	Psychology Teachers, Postsecondary	80	\$38,258
25-1067	Sociology Teachers, Postsecondary	30	\$39,832
25-1071	Health Specialties Teachers, Postsecondary	70	\$23,861
25-1072	Nursing Instructors and Teachers, Postsecondary	80	\$44,852
25-1081	Education Teachers, Postsecondary	140	\$39,707
25-1113	Social Work Teachers, Postsecondary	10	\$40,263
25-1121	Art, Drama, and Music Teachers, Postsecondary	120	\$39,608
25-1122	Communications Teachers, Postsecondary	50	\$36,631
25-1123	English Language and Literature Teachers, Postsecondary	120	\$34,778
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	\$36,511
25-1125	History Teachers, Postsecondary	50	\$38,084
25-1126	Philosophy and Religion Teachers, Postsecondary	10	\$34,158
25-1199	Postsecondary Teachers, All Other	140	\$20,963
25-2012	Kindergarten Teachers, Except Special Education	180	\$34,435
25-2021	Elementary School Teachers, Except Special Education	2,540	\$34,222
25-2022	Middle School Teachers, Except Special and Vocational Education	660	\$37,324
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,960	\$35,650
25-2032	Vocational Education Teachers, Secondary School	300	\$41,337
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	120	\$35,510
25-2042	Special Education Teachers, Middle School	10	\$37,067
25-2043	Special Education Teachers, Secondary School	50	\$36,446
25-3999	All Other Teachers, Primary, Secondary, and Adult	600	\$21,612
25-9041	Teacher Assistants	2,140	\$14,995
27-2022	Coaches and Scouts	290	\$21,761

